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OCT 13 2005

**PATENT APPLICATION  
Docket No.: 14321.60**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:	)
Takayuki Mizuno, et al.	)
Serial No.:	10/727,171 ) Art Unit
Filed:	December 3, 2003 ) 2874
Confirmation No.:	5976 )
For:	OPTICAL MULTI/DEMULITPLEXING )
	CIRCUIT EQUIPPED WITH PHASE )
	GENERATING DEVICE )
Examiner:	James D. Stein )

**CERTIFICATE OF TRANSMISSION BY FACSIMILE**

I hereby certify that the following documents are being facsimile transmitted to United States Patent and Trademark Office at Fax No. 571.273.8300, on the 13<sup>th</sup> day of October 2005.

- Transmittal Letter for Amendment "A" and Response (3 pages)
- Amendment "A" and Response (28 pages)
- Form PTO-2038 submitting Credit Card Payment in the amount of \$120

Respectfully submitted,

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OCT 14 2005

DANA L. TANGREN  
Attorney for Applicant  
Registration No. 37,246  
Customer No. 022913  
Telephone No. 801.533.9800

RICK D. NYDEGGER  
 BRENT P. LORNING  
 THOMAS R. VURKINICK  
 LARRY R. LAYCOCK  
 JONATHAN W. RICHARDS  
 DAVID R. WRIGHT  
 JOHN C. STRUMCHAM  
 JOHN M. GUYN  
 CHARLES L. ROBERTS  
 DANA L. TANGREN  
 ERIC L. MASCHOFF  
 CHARLES J. VEVERKA  
 ROBIN L. PHILLIPS  
 RICHARD C. GILMORE \*  
 STEPHEN A. BRENNAN  
 R. BURNS ISRAELSEN  
 DAVID R. TODD  
 DAVID B. DELLENDACH  
 L. DAVID GRIPPI  
 ADRIAN J. LEE  
 FRASER D. ROY  
 CARL T. REED

# WORKMAN | NYDEGGER

INTELLECTUAL PROPERTY ATTORNEYS

1000 EAGLE GATE TOWER  
 60 EAST SOUTH TEMPLE  
 SALT LAKE CITY, UTAH 84111  
 TELEPHONE: (801) 533-9800  
 FAX: (801) 328-1707  
 WEBSITE: [HTTP://WWW.WNLAW.COM](http://www.wnlaw.com)

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R. PARRISH FREEMAN, JR.  
 PETER F. MALIN, JR.  
 L. REX SEARS, PH.D.  
 WILLIAM R. RICHTER  
 ERIC M. KAMERATH  
 ROBERT E. AVOCOCK  
 JENS C. JENKINS  
 MICHAEL B. DODD  
 KEVIN W. STINGER  
 WILLIAM J. ATHAY  
 RYAN D. BENSON  
 SARA D. JONES  
 TICE KELLER  
 JANNA L. JENSEN  
 MATTHEW D. TODD  
 J. LAVAN OLDHAM  
 MICHAEL J. FRODSHAM  
 JOSEPH L. KRUPA  
 BRETT A. HANSEN  
 BRETT I. JOHNSON  
 MATTHEW A. BARLOW  
 WESLEY C. ROSANDER  
 ANDREW S. HANSEN  
 CHAD E. NYDEGGER  
 JOSEPH G. PIA  
 CLINTON E. DUKE  
 RYAN N. FAIR \*  
 JAMES B. BELSHIE  
 KIRK R. MARRIS  
 KERRY SCHNEIDER  
 MICHAEL M. BALLARD  
 DAVID A. JONES  
 SHANE K. JENSEN  
 JONATHAN M. BENNS, PH.D.

VERNON R. RICE \$  
 OF COUNSEL

### TRANSMITTAL FOR AMENDMENT "A" AND RESPONSE

Mail Stop AMENDMENT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment "A" and Response for entry in the above-identified application.

— Small entity status of this application is claimed under 37 C.F.R. § 1.9 and § 1.27.

— To secure the approval of the Examiner for proposed amendments to the drawings, enclosed are the following:

— Letter to the Official Draftsperson;

\* Admitted only in California  
 \$ Admitted only in Virginia

October 13, 2005

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- Set of \_\_\_\_\_ ( ) sheets of drawings containing Figures \_\_\_\_\_ including the proposed amendments therein; and
- A duplicate set of the \_\_\_\_\_ ( ) sheets of drawings with the changes therein highlighted in red.
- To render the transmitted Amendment "A" and Response timely filed enclosed is the following:
  - a Petition for a One-Month Extension of Time; and
  - a Form PTO-2038 submitting Credit Card Payment in the amount of \$120.00.
  - A Certificate of Facsimile Under 37 C.F.R. § 1.10.
  - No other additional fee is required.

The fee has been calculated as follows:

			SMALL ENTITY		LARGE ENTITY	
CLAIMS REMAINING AFTER	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDT'L FEE	RATE	ADDT'L FEE
TOTAL 56	MINUS 56	= 0	X	0	X	
INDEPENDENT 55	MINUS 3	= 0	X		X 200.00	
I <sup>ST</sup> PRESENTATION OF MULTIPLE DEPENDENT CLAIM		+ ____ =			+ ____ =	
		<b>TOTAL</b>			<b>TOTAL</b>	

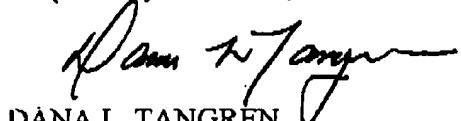
- Form PTO-2038 submitting Credit Card Payment in the amount of \$\_\_\_\_\_ is enclosed to cover the claim amendments.
- Please charge my Deposit Account No. 23-3178 in the amount of \_\_\_\_\_.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.
  - Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
  - Any patent application processing fees under 37 CFR 1.17.
- A duplicate copy of this transmittal letter is attached.

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Dated this 13<sup>th</sup> day of October 2005.

Respectfully submitted,



DANA L. TANGREN  
Attorney for Applicants  
Registration No. 37,246  
Customer No. 022913  
Telephone No. 801.533.9800

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Examiner: James D. Stein )

AMENDMENT "A" AND RESPONSE

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In response to the Office action of June 17, 2005, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** begin on page 5 of this paper.

**Remarks/Arguments** begin on page 20 of this paper.